



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **Satoru KAWAHARA et al.**

Serial No.: **10/623,590**

Group Art Unit: Not yet assigned

Filed: **July 22, 2003**

Examiner: Not yet assigned

For: **OPTICAL FILM AND LIQUID CRYSTAL DISPLAY USING  
THE SAME**

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 CFR 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

October 23, 2003

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date (or the entry of the national stage) of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

Serial No.:10/623,590

The Commissioner is authorized to charge our Deposit Account No. 50-2866 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP



Ken-Ichi Hattori  
Attorney for Applicants  
Reg. No. 32,861

Atty. Docket No. **030841**  
Suite 700  
1250 Connecticut Avenue, N.W.  
Washington, D.C. 20036  
Tel: (202) 822-1100  
KH/ak  
Enclosures: PTO-1449 and 17 references

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PATENT TRADEMARK OFFICE

INFORMATION  
DISCLOSURE  
STATEMENT  
PTO-1449

Atty. Docket No.: 030841 Serial No.: 10/623,590  
Applicants: Satoru KAWAHARA et al.  
Filing Date: July 22, 2003 Group Art Unit: Not yet assigned

OCT 23 2003

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
AA	6,433,853	Kameyama et al.	08/13/2002	349	176	02/02/1999
AB	6,565,974	Uchiyama et al.	05/20/2003	428	412	06/30/2002
AC	5,709,946	Jackson et al.	01/20/1998	428	413	02/01/1995
AD	5,560,864	Goulding	10/01/1996	252	299.01	02/22/1995 (Corresp. DE 19504224 on Page 14 in the spec.)
AE	5,833,880	Siemensmeyer et al.	11/10/1998	252	299.64	02/27/1995 (Corresp. DE 4408171 on the Page 14 in the spec.)

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)
AF	11-248941	09/17/1999	Japan	Yes (Corresponding to "AA"), See page 2 in the spec.
AG	WO 00/26705	05/11/2000	PCT	Yes (Corresponding to "AB") See page 8, 11 in the spec.
AH	2002-174724	06/21/2002	Japan	Yes (Abstract Only), See page 10, 29 in the spec.
AI	8-239496	09/17/1996	Japan	Yes (Corresponding to "AC") See page 14, 28 in the spec.
AJ	WO 93/22397	11/11/1993	PCT	N/A, See page 14 in the spec.
AK	0 261 712	03/30/1988	Europe	N/A, See page 14 in the spec.
AL	2 280 445	02/01/1995	Great Britain	N/A, See page 14 in the spec.
AM	WO 98/00428	01/08/1998	PCT	N/A, See page 14 in the spec.
AN	2001-343529	12/14/2001	Japan	Yes (Corresponding to EP 1 160 591) See the page 18 in the spec.
AO	WO 01/37007	05/25/2001	PCT	Yes (Corresponding to EP 1 160 591) See the page 18 in the spec.
AP	1 160 591	12/05/2001	Europe	N/A, See "AN" & "AO"
AR	2001-55455	02/27/2001	Japan	Yes (Abstract Only), See page 33 in the spec.

Examiner

Date Considered